



# OUTTSHOORN DRINKING WATER RESULTS

## March 2020

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Parameter	OUTTSHOORN										SANS 241
	Raubenheimer Dam	Bergoord youth centre	Church Str Reservoir	New East Reservoir	Westbank Reservoir	Old East Reservoir	Wastewater Lab	4 Van. Riebeck Str.	Bridgeton sports ground	Caves Retirement Village	
pH	7.14	6.86	6.79	6.41	7.05	6.71	6.72	6.29	6.39	6.33	5.0-9.5
Colour (mg/L Pt)	97	18	26	28	24	26	28	32	29	32	<20
Turbidity (NTu)	6.22	0.86	1.32	1.14	1.36	1.19	1.08	1.80	1.12	1.54	<1
Calcium (mg/L as CaCO <sub>3</sub> )			35								375
Magnesium (mg/L as CaCO <sub>3</sub> )			4								290
Total Hardness as mg/L CaCO <sub>3</sub>			39								-
Electrical Conductivity (mS/m)	9.35	3.02	8.06	7.12	7.73	9.12	8.53	7.07	7.09	7.29	<150
Iron (mg/L as Fe)	0.72	0.19	0.19	0.19	0.15	0.19	0.18	0.22	0.18	0.22	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.009						0.1-1.0
Aluminium (mg/L as Al)			0.000								
Total chlorine (mg/L)		0.11	0.65	0.26	0.80	0.13	0.18	0.16	0.22	0.96	-
Free chlorine (mg/L)		0.06	0.42	0.16	0.47	0.08	0.10	0.09	0.14	0.78	-
Total Coliforms ( per/100mL)		1	228	0	140	79	210	0	0	0	<10
E. Coli ( per/100mL)		0	0	0	0	0	0	0	0	0	0

Sampled by: Sheldon Booyen  
Date of sample: 11/03/2020  
Date received in lab: 11/03/2020  
Chemical Analysis by: Ilse-Ann Carlsen